

Substitute for Form 1449 A &amp; B/PTO

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known	
Application Number	09/918,508
Confirmation Number	3296
Filing Date	August 01, 2001
First Named Inventor	Tatsuo KAKIMOTO
Art Unit	1645
Examiner Name	Unknown
Attorney Docket Number	Q65478



## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
RKM		US 6,077,682	A	06-20-2000	Inouye et al.
		US			

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## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
RKM		EP	0 892 063	A2	01-20-1999	SmithKline Beecham Corp.	
RKM		WO	99/36508	A1	07-22-1999	SmithKline Beecham Corp.	

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
RKM		T. Kakimoto, "Cytokinin signaling", Current Opinion in Plant Biology, Quadrant Subscription Services, GB, Vol. 5, No. 1, 1998, pp. 399-403 (Abstract XP-001079011)	
RKM		M. Estelle, "Cytokinin action: Two receptors better than one?", Current Biology, Current Science, GB, Vol. 16, No. 8, 1998, pp. R539-R541 (Abstract XP-001071265)	
RKM		KULAEVA et al., "A new family of cytokinin receptors from Cereales", FEBS Letters, Vol. 423, No. 2, February 20, 1998, pp. 239-242 (Abstract XP-002212288)	

Examiner Signature	Rachel K. Hunnicutt	Date Considered	9/21/04
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.

Substitute for Form 1449 A & B/PTO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <div style="text-align: center; margin-top: 10px;"> <i>(use as many sheets as necessary)</i> <div style="display: flex; justify-content: space-around; align-items: center;"> <span>AUG 22 2002</span> <span>PTO/1449</span> <span>U.S. Patent and Trademark Office</span> </div> </div>			
		Application Number	09/918,508
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		Art Unit	1645
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
RKH		T. Inoue et al., "Identification of CRE1 as a cytokinin receptor from <i>Arabidopsis</i> ", <i>Nature</i> , Vol. 409, No. 6823, (February 22, 2001), pp. 1060-1063 with Abstract XP-002199637.	
RKH		A. P Mahonen et al., "A novel two-component hybrid molecule regulates vascular morphogenesis of the <i>Arabidopsis</i> root", <i>Genes &amp; Development</i> , Vol. 14, No. 23, (December 1, 2001), pp. 2938-2943.	
RKH		T. Kakimoto, "CKII, a Histidine Kinase Homolog Implicated in Cytokinin Signal Transduction", <i>Science</i> , American Association for the Advancement of Science, Vol. 274, (November 8, 1996), pp. 982-985.	

Examiner Signature	Ronald K. Hinman	Date Considered	9/21/04
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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.

Form PTO-1449 (Rev. 2-32)		U.S. Department of Commerce Patent & Trademark Office		Atty. Docket No. Q65478	Serial No.: 09/918,508 Confirmation No.: 3296	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Tatsuo KAKIMOTO, et al.				
NOV 05 2001 U.S. PATENT DOCUMENTS		Filing Date: August 01, 2001		Group: 1645		
Examiner Initial	Document Number	Date	Name	Class	Sub-Class	
U.S. PATENT DOCUMENTS						
	Document	Date	Country	Class	Sub-class	Translation Yes/No
FOREIGN PATENT DOCUMENTS						
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
RKH	KAKIMOTO et al., "2SF4 Roles of histidine kinases in cytokinin signal transduction", <i>Biophysics The biophysical Society of Japan</i> , Vol. 40, Supplement 1, August 5, 2000, p. S111, with English translation and accompanying Declaration					
	INOUE et al., "WID3 A study on cytokinin signal transduction", <i>Program Workshop Abstracts of the 23rd Annual Meeting of The Molecular Biology Society of Japan</i> , December 2000, p. 259, with English translation and accompanying Declaration.					
	MACHIDA et al., "WID-6 Plant cell growth controlled by the MAP kinase cascade mediated by NPK1 MAPKKK", <i>Program Workshop Abstracts of the 23rd Annual Meeting of The Molecular Biology Society of Japan</i> , December 2000, p. 259, with English translation and accompanying Declaration.					
	INOUE et al., "4PC-312 Mutation in the histidine kinase gene T23K3.2 causes cytokinin-insensitive phenotype", <i>Program Workshop Abstracts of the 23rd Annual Meeting of The Molecular Biology Society of Japan</i> , December 2000, p. 816, with English translation and accompanying Declaration.					
	HUGUCHI et al., "4PC-313 The product of the causal gene T23K3.2 for the cytokinin insensitive mutant functions as a cytokinin receptor in yeast," <i>Program Workshop Abstracts of the 23rd Annual Meeting of The Molecular Biology Society of Japan</i> , December 2000, p. 817, with English translation and accompanying Declaration.					
	KAKIMOTO et al., "Success In Isolating A Receptor Of Cytokinin Which Increases Plant Growth, Onto Developing Agrochemicals", <i>Nikkei Biotech</i> , March 12, 2001, p. 12, with English translation and accompanying Declaration.					
	INOUE et al., "Identification of CRE1 as a cytokinin receptor from <i>Arabidopsis</i> ," <i>Nature</i> , Vol. 409, February 22, 2001, pp. 1060-1063.					
	UEGUCHI et al., "Novel Family of Sensor Histidine Kinase Genes in <i>Arabidopsis thaliana</i> ", <i>Plant Cell Physiol.</i> , Vol. 42, No. 2, 2001, pp. 231-235.					
	SUZUKI et al., "The <i>Arabidopsis</i> Sensor His-kinase, AHK4, Can Respond to Cytokinins", <i>Plant Cell Physiol.</i> , Vol. 42, No. 2, 2001, pp. 107-113.					
	MAEDA et al., "A two-component system that regulates an osmosensing MAP kinase cascade in yeast", <i>Nature</i> , Vol. 369, May 19, 1994, pp. 242-245.					
RKH	URAO et al., "A Transmembrane Hybrid-Type Histidine Kinase in <i>Arabidopsis</i> Functions as an Osmosensor", <i>The Plant Cell</i> , Vol. 11, September 1999, pp. 1743-1754					
EXAMINER: <i>Raul K. Hammill</i>	DATE CONSIDERED: <i>9/21/04</i>					
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